

s/n: 09/915,884

date: 11-11-03

2 kuczynski-joseph.in.	USPAT; US-PGPUB; IBM_TDB	11/11/03 17:38
102 kuczynski.in.	USPAT; US-PGPUB; IBM_TDB	11/11/03 17:38
1 2 and (optical adj subassembly).ti.	USPAT; US-PGPUB; IBM_TDB	11/11/03 19:15
474 359/237	USPAT; US-PGPUB; IBM_TDB	11/11/03 19:16
2711 ((359/237) or (385/88-94)).CCLS.	USPAT; US-PGPUB; IBM_TDB	11/11/03 19:17
166 7 and (optical adj sub\$2assembly)	USPAT; US-PGPUB; IBM_TDB	11/11/03 19:17
73 8 and (adhesive or filler)	USPAT; US-PGPUB; IBM_TDB	11/11/03 19:17
42 9 and lens	USPAT; US-PGPUB; IBM_TDB	11/11/03 19:17
17 10 and integral	USPAT; US-PGPUB; IBM_TDB	11/11/03 19:17
1 ("6280797").PN.	USPAT; US-PGPUB; IBM_TDB	5/19/03 9:05
1 ("5547713").PN.	USPAT; US-PGPUB; IBM_TDB	11/5/02 17:33
1 ("5102772").PN.	USPAT; US-PGPUB; IBM_TDB	11/5/02 17:34
1 ("6356686").PN.	USPAT; US-PGPUB; IBM_TDB	11/5/02 17:51
11 (lens and adhesive).ti.	USPAT; US-PGPUB; IBM_TDB	11/5/02 17:56
2 (lens and (epoxy or cement or glue)).ti.	USPAT; US-PGPUB; IBM_TDB	11/5/02 17:58
8842 uv adj cur\$4	USPAT; US-PGPUB; IBM_TDB	11/5/02 17:59
530 ultra adj violet adj cur\$4	USPAT; US-PGPUB; IBM_TDB	11/5/02 17:59
1723 (uv adj cur\$4) and lens	USPAT; US-PGPUB; IBM_TDB	11/5/02 17:59
98 (ultra adj violet adj cur\$4) and lens	USPAT; US-PGPUB; IBM_TDB	11/5/02 17:59
75 ((uv adj cur\$4) and lens) and optoelectronic	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:00
7 ((ultra adj violet adj cur\$4) and lens) and optoelectronic	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:07
"3920495" "4125777" "4257061" "4267559" "4394600"		
"4729076" "4911519" "4996586" "5032898" "5060027"		
"5113232" "5136205" "5173839" "5181874" "5235347"		
"5291039" "5369277" "5384471" "5434750" "5468967"		
"5472915" "5629232" "5656823" "5680008" "5753928"		
"5777433" "5785418" "5789772" "5793044" "5841177"		
"5869883" "5885475" "5929557" "5940683" "5945217"		
39 "5952680" "5958100" "5959316" "5966393").PN.	USPAT	11/5/02 18:02
743 laser same lens same adhesive	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:08
44 (laser same lens same adhesive) and optoelectronic	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:23
1 5268922 URPN.	USPAT	11/5/02 18:11
101 optoelectronic adj transceiver	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:23
500 photoelectric adj receiver	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:23
152 (photoelectric adj receiver) and laser	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:40
23 ((photoelectric adj receiver) and laser) and adhesive	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:24
22 (((photoelectric adj receiver) and laser) and adhesive) and lens	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:24
78 (optoelectronic adj transceiver) and laser	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:41
78 ((optoelectronic adj transceiver) and laser) and laser	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:41
10 ((optoelectronic adj transceiver) and laser) and adhesive	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:44
0 (receiver adj optical adj subassembly).ti.	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:45
28 receiver adj optical adj subassembly	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:46
193308 28 and adhesive	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:47
6 (receiver adj optical adj subassembly) and adhesive	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:49
5435 polyetherimide	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:49
288 polyetherimide and lens	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:50
101 (polyetherimide and lens) and housing	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:50
7 ((polyetherimide and lens) and housing) and optoelectronic	USPAT; US-PGPUB; IBM_TDB	11/5/02 18:50
("5504828" "5511140" "5537504" "5596665" "5631991"		
10 "5692083" "5708743" "5751878" "5778127" "6059461").PN.	USPAT	11/5/02 18:57
1 ("6302596").PN.	USPAT; US-PGPUB; IBM_TDB	11/6/02 11:38

("5504828" "5511140" "5537504" "5596665" "5631991"			
10	"5692083" "5708743" "5751878" "5778127" "6059461").PN.	USPAT	11/6/02 11:38
340	385/93.ccls.	USPAT; US-PGPUB; IBM_TDB	11/6/02 11:38
139	385/93.ccls. and adhesive	USPAT; US-PGPUB; IBM_TDB	11/6/02 11:38
45	(385/93.ccls. and adhesive) and refractive adj index	USPAT; US-PGPUB; IBM_TDB	11/6/02 11:38
71822	45 and wavelength	USPAT; US-PGPUB; IBM_TDB	11/6/02 11:39
	((385/93.ccls. and adhesive) and refractive adj index) and		
	22 wavelength	USPAT; US-PGPUB; IBM_TDB	11/6/02 13:08
2475	transparent adj adhesive	USPAT; US-PGPUB; IBM_TDB	11/6/02 13:09
341	polyurethane adj oligomer	USPAT; US-PGPUB; IBM_TDB	11/6/02 13:10
16	(polyurethane adj oligomer) and lens	USPAT; US-PGPUB; IBM_TDB	11/6/02 13:58
387	optical adj subassembly	USPAT; US-PGPUB; IBM_TDB	11/6/02 13:59
109	(optical adj subassembly) and adhesive	USPAT; US-PGPUB; IBM_TDB	11/6/02 13:59
0	((optical adj subassembly) and adhesive) and poyetherimide	USPAT; US-PGPUB; IBM_TDB	11/6/02 13:59
80	((optical adj subassembly) and adhesive) and laser	USPAT; US-PGPUB; IBM_TDB	11/6/02 13:59
7	((optical adj subassembly) and adhesive) and laser) and urethane	USPAT; US-PGPUB; IBM_TDB	11/6/02 14:00
66	((optical adj subassembly) and adhesive) and laser) and lens	USPAT; US-PGPUB; IBM_TDB	11/6/02 14:00
	((((optical adj subassembly) and adhesive) and laser) and lens) and		
42	integral\$4	USPAT; US-PGPUB; IBM_TDB	11/6/02 14:50
164	lens adj adhesive	USPAT; US-PGPUB; IBM_TDB	11/6/02 14:50
55	(lens adj adhesive) same optical	USPAT; US-PGPUB; IBM_TDB	11/6/02 15:00
4	4134651.URPN.	USPAT	11/6/02 14:55
1	(lens adj adhesive).ti.	USPAT; US-PGPUB; IBM_TDB	11/6/02 16:29
230	polycarbonate adj lens	USPAT; US-PGPUB; IBM_TDB	11/6/02 16:29
92	(polycarbonate adj lens) and adhesive	USPAT; US-PGPUB; IBM_TDB	11/6/02 17:14
1	("5631991").PN.	USPAT; US-PGPUB; IBM_TDB	11/6/02 17:15
1	("4616899").PN.	USPAT; US-PGPUB; IBM_TDB	11/6/02 17:55
3	("(4187404)" or ("6302596") or ("5080744")).PN.	USPAT; US-PGPUB; IBM_TDB	11/6/02 17:57
3	850 adj wavelength	USPAT; US-PGPUB; IBM_TDB	11/6/02 17:57
2429	850 adj nm	USPAT; US-PGPUB; IBM_TDB	11/6/02 17:57
159	("850" adj nm) same lens	USPAT; US-PGPUB; IBM_TDB	11/6/02 17:58
0	((("850" adj nm) same lens) same adhesive	USPAT; US-PGPUB; IBM_TDB	11/6/02 17:58
13	((("850" adj nm) same lens) same refractive	USPAT; US-PGPUB; IBM_TDB	11/6/02 18:01
11	("850" adj nm) same adhesive	USPAT; US-PGPUB; IBM_TDB	11/6/02 18:03
28	("850" adj nm) and optical adj adhesive	USPAT; US-PGPUB; IBM_TDB	11/6/02 18:21
11	("850" adj nm) and optical adj cement	USPAT; US-PGPUB; IBM_TDB	11/6/02 18:22
2	((("5910522") or ("5787215")).PN.	USPAT; US-PGPUB; IBM_TDB	5/19/03 0:16
1	("6170996").PN.	USPAT; US-PGPUB; IBM_TDB	5/19/03 9:05
613	optical adj sub\$2assembly	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:09
72	(optical adj sub\$2assembly) and encapsulat\$5	USPAT; US-PGPUB; IBM_TDB	11/10/03 16:59
9	(optical adj sub\$2assembly) same encapsulat\$5	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:03
5327	fill with adhesive	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:03
0	(optical adj sub\$2assembly) same (fill with adhesive)	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:03
9	(optical adj sub\$2assembly) and (fill with adhesive)	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:08
83	rosa and tosa	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:08
613	optical\$5 adj sub\$2assembly	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:09
	(optical adj sub\$2assembly) and (adhesive same fill same gap same		
1	lens)	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:09
41	adhesive same fill same gap same lens	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:20
3	(optical adj adhesive) with encapsulat\$6	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:23
24	(optical adj adhesive) same encapsulat\$6	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:41
97	adhesive same (encapsulat\$6 with lens)	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:26
	(adhesive same (encapsulat\$6 with lens)) and (optical adj		
0	sub\$2assembly)	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:26
960	encapsulat\$6 with lens	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:27
2	(encapsulat\$6 with lens) same (optical adj adhesive)	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:27

36 encapsulat\$6 with lens with adhesive ("3774086" "3875473" "4152624" "4179619" "5040868" "5043716" "5177593" "5266817" "5298768" "5404282"	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:34
13 "5535230" "5798536" "5813753").PN.	USPAT	11/10/03 17:31
0 to adj cans	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:34
2 (("6170996") or ("5787215")).PN.	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:44
1159 housing same gap same fill	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:44
84 (housing same gap same fill) and optic	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:44
47 ((housing same gap same fill) and optic) and electronic	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:54
0 (optical adj adhesive) with fill with encapsulat\$6	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:54
3 (optical adj adhesive) with encapsulat\$6	USPAT; US-PGPUB; IBM_TDB	11/10/03 17:59
202 optical adj sub adj assembly	USPAT; US-PGPUB; IBM_TDB	11/10/03 18:00
583 optical adj subassembly	USPAT; US-PGPUB; IBM_TDB	11/10/03 18:00
613 optical adj sub\$2assembly	USPAT; US-PGPUB; IBM_TDB	11/10/03 18:00
87 (optical adj sub\$2assembly) same adhesive	USPAT; US-PGPUB; IBM_TDB	11/10/03 18:00
15 ((optical adj sub\$2assembly) same adhesive) same lens	USPAT; US-PGPUB; IBM_TDB	11/10/03 18:02
1 ("5537504").PN.	USPAT; US-PGPUB; IBM_TDB	11/10/03 18:02
18 5537504.URPN.	USPAT	11/10/03 18:03
12 5692083.URPN.	USPAT	11/10/03 18:04
4 6157012.URPN.	USPAT	11/10/03 18:05
3 ("5936263" "6141471" "6157012").PN.	USPAT	11/10/03 18:05
("4547039" "4747656" "5127073" "5140663" "5189716"		
10 "5522001" "5631990" "5692083" "5751877" "5916407").PN.	USPAT	11/10/03 18:08
("4081208" "4152041" "4186996" "4186999" "4188708"		
10 "4255015" "4268114" "4273413" "4327964" "4355862").PN.	USPAT	11/10/03 18:11
("3869194" "3878397" "3948582" "3995935" "4033668"		
10 "4065203" "4076376" "4090778" "4118105" "4119363").PN.	USPAT	11/10/03 18:14
42 4186996.URPN.	USPAT	11/10/03 18:14
("4186996" "4192574" "4257672" "4265511" "4269648"		
7 "4274707" "4279465").PN.	USPAT	11/10/03 18:16
20 4279465.URPN.	USPAT	11/10/03 18:17
31 4611884.URPN.	USPAT	11/10/03 18:18
2 6301035.URPN.	USPAT	11/10/03 18:25
8 5778127.URPN.	USPAT	11/10/03 18:28
5 ("4186996" "4733932" "5191629" "5353294" "5414787").PN.	USPAT	11/10/03 18:30
0 6432733.URPN.	USPAT	11/10/03 18:34
5 ("5347604" "5537504" "5973862" "6123465" "6157012").PN.	USPAT	11/10/03 18:35
("4421383" "5226052" "5537504" "5905750" "5953355"		
8 "6001664" "6069905" "6160834").PN.	USPAT	11/10/03 18:41
3 (("6302596") or ("5778127") or ("4186996")).PN.	USPAT; US-PGPUB; IBM_TDB	11/11/03 11:38